

ABSTRACT

An apparatus for regulating the internal pressure of a closed system, comprising a valve housing connected to a closed system, an intake valve connected to a valve housing for receiving a pressurized substance in one direction through the valve housing into the closed system, and a release valve connected to the valve housing for releasing excess pressure from the closed system. The release valve comprises a release valve aperture for releasing pressurized substance therethrough, a release valve block for selectively preventing the pressurized substance from escaping through the release valve aperture, and a release valve spring for retaining the release valve block in a closed position. When the constant internal pressure is increased, the release valve spring causes the release valve block to move from the closed position to an open position, thereby allowing excess pressurized substance to escape from the release valve aperture.